

3. On the Birds collected by Mr. H. C. V. Hunter, F.Z.S.,  
in Eastern Africa. By Captain G. E. SHELLEY, F.Z.S.

[Received June 6, 1889.]

(Plates XL. & XLI.)

Mr. Hunter, during a sporting-tour in Eastern Africa, ascended the slopes of Kilimanjaro mountain and made a fine collection of birds in that district during the months of June, July, and August of last year.

This collection he has presented to the British Museum, where, through the kindness of Dr. Günther, I have been enabled to examine the contents. It consists of examples of 95 species, of which I have described seven as new:—*Pachyprora mixta*, *Xenocichla nigriceps*, *Xenocichla placida*, *Alcippe kilimensis*, *Cisticola hunteri*, *Cinnyris hunteri*, and *Zosterops perspicillata*.

Besides these, amongst many other rarities the British Museum acquires the second known specimens of *Hapaloderma vittatum* and *Pinarochroa hypospodia*, and adds to its stores examples of *Tarsiger orientalis*, *Nectarinia melanogastra*, and of the fully adult male of *Pholidauges fischeri*, of which the female only was known.

1. BUBO LACTEUS.

*Bubo lacteus* (Temm.), Sharpe, Cat. B. Brit. Mus. ii. p. 33 (1875); Fisch. & Rehw. J. f. O. 1879, p. 340; Böhm, J. f. O. 1882, p. 207; Schal. J. f. O. 1883, p. 345; Fisch. J. f. O. 1885, p. 122; Hartl. Zool. Jahrb. i. p. 307 (1887).

Useri river, August.

2. CAMPOTHERA NUBICA.

*Picus nubicus*, Gm., Shelley, P. Z. S. 1881, p. 593; Böhm, J. f. O. 1883, p. 168.

*Campothera nubica*, Hargitt, Ibis, 1883, p. 451; Fisch. J. f. O. 1885, p. 126; Rehw. J. f. O. 1887, p. 90; Matsch, t. c. p. 150; Shelley, P. Z. S. 1888, p. 41; id. Ibis, 1888, p. 296.

Useri river, July.

3. INDICATOR MAJOR.

*Indicator major*, Steph., Sharpe, P. Z. S. 1873, p. 711; id. in Dawson Rowley's Orn. Miscell. i. p. 264; Cab. J. f. O. 1878, p. 237; Böhm, J. f. O. 1885, p. 57; Fisch. t. c. p. 124; Hartl. Zool. Jahrb. ii. p. 311.

♂. Teita, August 29.

4. POGONORHYNCHUS MELANOPTERUS.

*Pogonorhynchus melanopterus* (Peters), Shelley, P. Z. S. 1881, p. 592; Fisch. Zeitschr. ges. Orn. 1884, p. 370; id. J. f. O. 1885, p. 125; Shelley, Ibis, 1888, p. 291.

Teita, June.







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## 5. POGONORHYNCHUS STIGMATOTHORAX.

*Tricholæma stigmatothorax*, Cab. J. f. O. 1878, p. 240; Fisch. Zeitschr. ges. Orn. 1884, p. 371; id. J. f. O. 1885, p. 125.

♂. Useri river, July 3.

## 6. BARBATULA LEUCOTIS.

*Megalæma leucotis* (Sundev.), Fisch. Zeitschr. ges. Orn. 1884, p. 371; id. J. f. O. 1885, p. 125.

*Barbatula leucotis* (Sundev.), Marshall, Monogr. Cap. p. 131, pl. 52 (1871); Shelley, P. Z. S. 1885, p. 223.

Kilimanjaro.

## 7. BARBATULA AFFINIS.

*Barbatula affinis*, Rchw. Orn. Centralbl. 1879, p. 114; Rchw. J. f. O. 1879, p. 314; Fisch. Zeitschr. ges. Orn. 1884, p. 371; id. J. f. O. 1885, p. 124; Rchw. J. f. O. 1887, p. 59.

♂. Teita, August. Useri river, July.

## 8. TRACHYPHONUS ERYTHROCEPHALUS.

*Trachyphonus erythrocephalus*, Cab. J. f. O. 1878, pp. 218, 240, pl. 2. figs. 1, 2; Hartl. Ibis, 1886, p. 111; Shelley, Ibis, 1888, p. 291.

Taveta. Also seen on Kilimanjaro.

## 9. TRACHYPHONUS BOEHMI.

*Trachyphonus arnaudi*, Cab. J. f. O. 1878, p. 240.

*Trachyphonus squamiceps* (nec Heugl.), Fisch. & Rchw. J. f. O. 1879, p. 342.

*Trachyphonus margaritatus* (nec Rüpp.), Schal. J. f. O. 1883, p. 346.

*Trachyphonus boehmi*, Fisch. & Rchw. J. f. O. 1884, p. 179; Fisch. Zeitschr. ges. Orn. 1884, p. 371; id. J. f. O. 1885, p. 125; Hartl. Ibis, 1886, p. 109.

♀. Ndara in Teita, August 25.

♂ ♀. Useri river, July 3.

## 10. CERYLE MAXIMA.

*Ceryle maxima* (Pall.), Sharpe, Monogr. Alced. p. 67, pl. 20 (1869); Böhm, J. f. O. 1885, p. 47; Fisch. t. c. p. 126; Matsch. J. f. O. 1887, p. 151; Schal. t. c. p. 236; Shelley, Ibis, 1888, p. 291.

Taveta.

## 11. HALCYON CHELICUTENSIS.

*Halcyon chelicutensis* (Stanley), Shelley, P. Z. S. 1881, p. 567; Böhm, J. f. O. 1883, p. 172; Fisch. J. f. O. 1885, p. 126; Rchw. J. f. O. 1887, p. 60; Matsch. t. c. p. 151; Shelley, Ibis, 1888, p. 297.

♀. Useri river, on side of Kilimanjaro, July 6.

## 12. IRRISOR CYANOMELAS.

*Rhinopomastes cyanomelas* (Vieill.), Shelley, P. Z. S. 1881, p. 570; Schal. J. f. O. 1883, p. 351.

*Irrisor cyanomelas*, Böhm, J. f. O. 1883, p. 190; Fisch. J. f. O. 1885, p. 127; Shelley, Ibis, 1888, p. 297.

♂ ♀. Duruma, August 29.

## 13. IRRISOR MINOR.

*Promerops minor*, Rüpp. Syst. Uebers. p. 25 (1845).

*Epimachus minor*, Rüpp. t. c. pl. 8.

Taveta.

## 14. MELITTOPHAGUS CYANOSTICTUS.

*Melittophagus pusillus*, Shelley, P. Z. S. 1881, p. 569; Tristr. Ibis, 1889, p. 225.

*Merops pusillus*, Gurney, Ibis, 1882, p. 72.

*Merops cyanostictus*, Cab., Böhm, J. f. O. 1883, p. 175; 1885, p. 47.

*Melittophagus cyanostictus*, Fisch. J. f. O. 1885, p. 127; Cab. t. c. p. 340; Rehw. J. f. O. 1887, p. 61; Matsch. t. c. p. 151; Shelley, Ibis, 1888, p. 296.

♂ ad. et juv. Ndara in Teita.

## 15. CORACIAS CAUDATA.

*Coracias caudata*, Linn., Shelley, P. Z. S. 1881, p. 566; Böhm, J. f. O. 1883, p. 173; Schal. t. c. p. 348; Böhm, J. f. O. 1885, p. 57; Matsch. J. f. O. 1887, p. 152; Schal. t. c. p. 236; Tristr. Ibis, 1889, p. 225.

♂ ♀. Useri river, July 1.

## 16. TURACUS HARTLAUBI.

*Corythaix hartlaubi*, Fisch. & Rehw. J. f. O. 1884, p. 52; Fisch. J. f. O. 1885, p. 123; Schal. J. f. O. 1886, p. 39; Rehw. J. f. O. 1887, p. 57.

*Turacus hartlaubi*, Shelley, P. Z. S. 1884, p. 224.

♂ ♀. Kilimanjaro, 6000 ft., August 6.

## 17. GALLIREX CHLOROCHLAMYS.

*Gallirex chlorochlamys*, Shelley, P. Z. S. 1881, p. 590; Fisch. J. f. O. 1885, p. 123; Schal. J. f. O. 1886, p. 52.

*Corythaix porphyreolophus*, Böhm, J. f. O. 1882, p. 208.

♂. Duruma, August 29.

## 18. COLIUS LEUCOTIS.

*Colius leucotis*, Rüpp., Shelley, P. Z. S. 1881, p. 590, 1885, p. 224; Fisch. J. f. O. 1885, p. 123; Rehw. J. f. O. 1887, p. 57; Matsch. t. c. pp. 140, 149, 159.

♂. Ndara in Teita, August 25.

♂. Kilimanjaro, August 8.

## 19. HAPALODERMA VITTATUM.

*Hapaloderma vittatum*, Shelley, P. Z. S. 1882, p. 306.

Forest on Kilimanjaro, 6000 ft. Also seen in Kahé forest.

## 20. CYPSELUS MELBA.

*Cypselus melba* (Linn.), Dresser, B. Eur. iv. p. 603, pl. 269.

♀. Kilimanjaro, 5000 ft., August 4.

## 21. CYPSELUS HORUS.

*Cypselus horus*, Hartl. & Finsch; Salvadori, Ibis, 1881, p. 541.

*Cypselus sharpii*, Bouvier, Bull. Soc. Zool. France, i. p. 228, pl. 6. fig. 1 (1876); Sharpe, P. Z. S. 1882, p. 688.

♀. Useri river, July 18.

On comparing this specimen with *C. caffer* and *C. affinis*, I find it to differ strongly in having the throat whiter and the tail intermediate in length.

## 22. PSALIDOPROCNE PETITI.

*Psalidoprocne petiti*, Sharpe & Bouvier, Bull. Soc. Zool. France, i. p. 38, pl. 2.

♂. Taveta, August 15.

I have compared this specimen with seven others from Landana and it agrees perfectly. *P. antinorii* is probably identical, as the colour of the under wing-coverts varies.

## 23. CAMPOPHAGA NIGRA.

*Campophaga nigra*, Vieill.; Shelley, P. Z. S. 1881, p. 578; Böhm, J. f. O. 1883, p. 181; Schal. t. c. p. 354; Fisch. Zeitschr. ges. Orn. 1884, p. 356; id. J. f. O. 1884, p. 128; Böhm, J. f. O. 1885, p. 44.

♂ ♀. Taveta, August 18.

♂. Teita, August 25.

## 24. PACHYPRORA MIXTA, n. sp. (Plate XL.)

*Adult male.* Very similar to *P. molitor*, from which it differs in having scarcely a trace of white on the sides of the forehead; one or two of the feathers above the ear-coverts are mottled with whitish; the white nuchal spot very slightly marked; posterior half of the scapulars uniform grey like the crown and back; lower back and upper tail-coverts also uniform grey, with no black and white mottling; the wing, which is very similarly marked to that of *P. molitor*, has the white portion more contracted; tail black, with triangular white tips to all the feathers; the external web of the outer feather is black, only edged with white, while in *P. molitor* the white crosses the web. Beneath, throat, lower breast, and under tail-coverts white, with a broad pectoral band and the thighs black as in *P. molitor*; under surface of the wings whiter than in *P. molitor*, the under wing-coverts being white with the exception of the outer half of the smaller and median series, which are black. Bill black, legs slightly



browner. Total length 4 inches, culmen 0·5, wing 2·2, tail 1·6, tarsus 0·7.

*Adult female.* Differs greatly from *P. molitor*, and much resembles *P. capensis* in the colouring of the upper parts. Forehead, crown, and back of the neck grey; lores and sides of the head black, separated from the grey forehead and crown by a partially defined white stripe; mantle olive-shaded brown as in *P. capensis*; lower back partially mottled with white; wings dark brown, the least series washed with the same colour as the mantle; some of the median and greater coverts fawn-colour, forming a patch on the wing; margins of quills pale, passing into fawn-colour on the inner secondaries; tail black, the feathers edged with white and with white angular tips; the white on the outer tail-feather never extends across the outer web, as it always does in *P. molitor* and *P. capensis*. Underparts and sides of the neck white, strongly washed with fawn-colour, mostly towards the base of the feathers of the throat and sides of the chest; under surface of the quills dusky, with white inner margins; under wing-coverts white, with the outer half of the least and median series ashy shaded black. Bill black; legs browner. Total length 3·8 inches, culmen 0·5, wing 2·4, tail 1·5, tarsus 0·7.

Kilimanjaro, ♂ ♀, 7000 ft., 6000 ft., August.

I have no hesitation in referring these two specimens to the same species; their tails exactly agree and present a character by which they may with certainty be separated from both *P. molitor* and *P. capensis*, of both of which species they unite certain characteristics.

## 25. MUSCICAPA CÆRULESCENS.

*Muscicapa cærulescens*, Hartl., Sharpe, Cat. B. Brit. Mus. iv. p. 154 (1879).

Teita, August 26.

This specimen differs from six others with which I have compared it, in having the greater series of wing-coverts distinctly edged with white and broadly tipped with that colour, and the pale edges of the quills decidedly broader and whiter. Total length 4·95 inches, culmen 0·5, wing 2·9, tail 2·55, tarsus 0·6.

I prefer to regard the slight characters above enumerated as rather a sign of immaturity than of specific value.

## 26. CRYPTOLOPHA UMBROVIRENS.

*Cryptolopha umbrovirens* (Rüpp.), Sharpe, Cat. B. Brit. Mus. iv. p. 401, pl. 12. fig. 2.

Kilimanjaro, 6000 ft., August 8.

## 27. TERPSIPHONE CRISTATA.

*Terpsiphone cristata* (Gm.), Shelley, P. Z. S. 1881, p. 577; id. Ibis, 1888, p. 299.

*Terpsiphone ferreti*, Böhm, J. f. O. 1883, p. 170; Schal. t. c. p. 353; Fisch. Zeitschr. ges. Orn. 1884, p. 353; id. J. f. O. 1885, p. 129; Rech. J. f. O. 1887, p. 63.

*Terpsiphone melanogastra*, Böhm, J. f. O. 1883, p. 179; Matsch. J. f. O. 1887, p. 153.

♂. Teita, August 8.

28. TARSIGER ORIENTALIS.

*Tarsiger orientalis*, Fisch. & Rchw. J. f. O. 1884, p. 57; Fisch. Zeitschr. ges. Orn. 1884, p. 306; id. J. f. O. 1885, p. 142.

♂. Kilimanjaro, 6000 ft., August.

29. EUROCEPHALUS RUEPELLI.

*Eurocephalus rueppelli*, Bp.; Sharpe, Cat. B. Brit. Mus. iii. p. 280 (1877); Shelley, P. Z. S. 1882, p. 307; Schal. J. f. O. 1883, p. 357; Fisch. Zeitsch. ges. Orn. 1884, p. 350; id. J. f. O. 1885, p. 130; Rchw. J. f. O. 1887, p. 65; Tristr. Ibis, 1889, p. 226.

*Eurocephalus anguimans* (nec Smith), Shelley, P. Z. S. 1881, p. 582; Böhm, J. f. O. 1883, p. 185.

Useri river.

30. PRIONOPS TALACOMA.

*Prionops talacoma*, Smith; Sharpe, Cat. B. Brit. Mus. iii. p. 321; Böhm, J. f. O. 1883, p. 184; Schal. t. c. p. 355; Fisch. J. f. O. 1885, p. 130.

Taveta.

✓ 31. TELEPHONUS SENEGALENSIS.

*Telephonus erythropterus*, Shelley, P. Z. S. 1881, p. 579; Böhm, J. f. O. 1883, p. 186; Schal. t. c. p. 354; Fisch. J. f. O. 1885, p. 130; Matsch. J. f. O. 1887, p. 153; Schal. t. c. p. 238.

*Telephonus senegalensis* (Linn.), Gadow, Cat. B. Brit. Mus. viii. p. 124 (1883).

♂. Teita, August 26. ♀. Plains of Taveta, August 13.

✓ 32. DRYOSCOPIUS FUNEBRIS.

*Dryoscopus funebris*, Hartl., Gadow, Cat. B. Brit. Mus. viii. p. 133; Rchw. J. f. O. 1887, p. 63.

*Rhynchastatus funebris*, Böhm, J. f. O. 1883, p. 182; Schal. t. c. p. 356; Böhm, J. f. O. 1885, p. 44; Fisch. t. c. p. 130.

♀. Useri river, June.

33. DRYOSCOPIUS ÆTHIOPICUS.

*Dryoscopus æthiopicus* (Gm.), Gadow, Cat. B. Brit. Mus. viii. p. 139; Fisch. Zeitschr. ges. Orn. 1884, p. 349; id. J. f. O. 1885, p. 129; Matsch. J. f. O. 1887, p. 153; Schal. t. c. p. 239; Hartl. Zool. Jahrb. ii. p. 320.

♂. Kilimanjaro, 5000 ft., August 6.

34. DRYOSCOPIUS CUBLA.

*Dryoscopus cubla* (Shaw), Shelley, P. Z. S. 1881, p. 580; Gadow, Cat. B. Brit. Mus. viii. p. 148; Böhm, J. f. O. 1883, p. 181; Schal.

*t. c.* p. 355; Fisch. Zeitschr. ges. Orn. 1884, p. 349; id. J. f. O. 1885, p. 129; Shelley, P. Z. S. 1885, p. 225; Rchw. J. f. O. 1887, p. 63; Matsch. *t. c.* p. 153; Schal. *t. c.* p. 239; Shelley, Ibis, 1888, p. 292.

♂. Teita, June. ♀. Useri river, July 14.

### 35. LANIARIUS SULFUREIPECTUS.

*Laniarius sulfureipectus* (Less.), Shelley, P. Z. S. 1881, p. 580; Gadow, Cat. B. Brit. Mus. viii. p. 159; Rchw. J. f. O. 1887, p. 63; Matsch. *t. c.* p. 153; Shelley, P. Z. S. 1888, p. 25; id. Ibis, 1888, p. 301.

*Chlorophoneus sulfureipectus*, Böhm, J. f. O. 1883, p. 184; Fisch. Zeitschr. ges. Orn. 1884, p. 349; id. J. f. O. 1885, p. 130.

♂. Taveta, August 18.

### 36. LANIUS CAUDATUS.

*Lanius caudatus*, Cab.; Shelley, P. Z. S. 1881, p. 579; Gadow, Cat. B. Brit. Mus. viii. p. 254; Böhm, J. f. O. 1883, p. 187; Fisch. Zeitschr. ges. Orn. 1884, p. 344; Shelley, P. Z. S. 1885, p. 225; id. Ibis, 1888, p. 301.

*Fiscus caudatus*, Schal. J. f. O. 1883, p. 357; Fisch. J. f. O. 1885, p. 131.

Juv. Useri river.

### 37. XENOCICHLA NIGRICEPS, n. sp.

*Adult male.* General colour above yellowish olive, passing into dusky grey on the back of the neck and nape, and then into brownish black on the crown and forehead; eyes surrounded by a broadish band of ashy-white feathers; cheeks and ear-coverts dusky grey with paler centres; wing-coverts yellowish olive like the back; quills brown, strongly washed with yellowish olive on the outer webs; tail olive-brown washed with yellow, slightly browner than the back; chin, throat, and front half of the breast ashy grey; abdomen, flanks, and under tail-coverts rather bright olive-yellow; centre of the breast slightly washed with yellow; axillaries and under wing-coverts pale yellow, barely shaded with olive; under surface of the quills dusky black, their inner margins broadly edged with whitish yellow. Bill black; legs slaty grey. Total length 6·7 inches, culmen 0·65, wing 3·7, tail 3·3, tarsus 1·0.

*Adult female.* Similar in plumage to the male. Total length 7 inches, culmen 0·6, wing 3·5, tail 3·4, tarsus 0·9.

♂ ♀. Kilimanjaro, 6000 ft., August.

Compared with *X. tephrolæma*, this species has the bill rather shorter and the culmen slightly more curved; it resembles that species in size, colouring of the back, wings, and tail, and like it has the head and neck grey; but the crown in the present species is much darker, being nearly black. In *X. tephrolæma* the pale grey of the throat is of less extent, and the crop, entire body, and under tail-coverts are deep yellow shaded with olive.

38. *XENOCICHLA PLACIDA*, n. sp.

General colour above olive-brown, with a slight rufous shade on the crown and lower back; upper tail-coverts and tail rufous; wings dark brown, washed with rufous on the edges of all the feathers, the edges of the primaries being slightly paler and yellower; feathers in front of the eyes, lores and cheeks ashy; wing-coverts brown, all with pale buff ill-defined shaft-stripes; feathers surrounding the eye buff; chin, throat, and under surface of the body buff, washed with pale ashy olive across the crop and down the sides of the body; axillaries and under wing-coverts yellowish white; quills dark brown, with pale rufous-buff inner edges to the feathers, broadest towards their base. Upper mandible dark brown, with a pale cutting-edge; lower mandible paler and yellowish; legs slaty brown, claws pale brown. Total length 6·5 inches, culmen 0·6, wing 3, tail 3·2, tarsus 0·9.

Kilimanjaro, 6000 ft., August.

This species is nearly allied to *X. albigularis*, Sharpe, from Fantee, but is larger, has the bill shorter and the culmen more curved; the crown and back uniform, of a rather more rufous shade and not washed with grey on the crown; the wings more rufous, not edged with olive; tail similar. The underparts differ in the throat not being so white and the breast not being so strongly washed with bright yellow; the under surface of the wings much the same in both.

39. *PYCNONOTUS LAYARDI*.

*Pycnonotus layardi*, Gurney, Shelley, P. Z. S. 1881, p. 576; Schal. J. f. O. 1883, p. 360; Fisch. Zeitschr. ges. Orn. 1884, p. 341; id. J. f. O. 1885, p. 137; Shelley, P. Z. S. 1885, p. 256; Rchw. J. f. O. 1887, p. 75.

♂. Teita, June.

40. *TURDUS TEPHRONOTUS*.

*Turdus tephronotus*, Cab., Shelley, P. Z. S. 1881, p. 574; Fisch. J. f. O. 1885, p. 141; Shelley, Ibis, 1888, p. 299.

♀. Useri river, July 1.

✓ 41. *COSSYPHA CAFFRA*.

*Cossypha caffra* (Linn.), Sharpe, Cat. B. Brit. Mus. viii. p. 39 (1883).

♂. Kilimanjaro, August 5.

42. *BRADYORNIS ATER*.

*Bradyornis ater*, Sundev., Sharpe, Cat. B. Brit. Mus. iii. p. 314 (1877).

♂. Useri river, July.

✓ 43. *PRATINCOLA AXILLARIS*.

*Pratincola axillaris*, Shelley, P. Z. S. 1884, p. 556; 1885, p. 226.

♂ ♀. Kilimanjaro, 5000 ft., August.

## 44. PINAROCHROA HYPOSPODIA.

*Pinarochroa hypospodia*, Shelley, P. Z. S. 1885, p. 226, pl. 13.  
Kilimanjaro, 10,000–12,000 ft.

## 45. ALCIPPE KILIMENSIS, n. sp.

Upper half of the head and back of the neck leaden grey, gradually passing into paler grey on the throat and front of the breast; back and scapulars uniform yellowish brown; wings dark brown, all the feathers broadly edged with the same shade as the back; tail-feathers dark brown, partially edged with yellowish brown; centre of the breast white, washed on the sides with grey and then passing into yellowish brown, of a paler shade than the back, on the sides of the body; under tail-coverts ashy white, slightly tinted with pale yellowish brown; under surface of the quills slate-colour, with white inner margins to the feathers; under wing-coverts white. Bill brown, paler towards the base of the lower mandible; legs brown. Total length 5·2 inches, culmen 0·55, wing 2·7, tail 2·6, tarsus 0·85.

Kilimanjaro, 6000 ft., August.

I have placed this bird in the genus *Alcippe*, a genus new to Africa, as its affinities appear to be with *A. cinerea*, Blyth, from Malaya, rather than with any other species known to me. Compared with that bird, it differs mostly in its rather larger bill, its entirely grey head and neck, and in the total absence of rufous shade on the wings and tail.

## 46. BRADYPTERUS BARRATTI.

*Bradypterus barratti*, Sharpe, Cat. B. Brit. Mus. vii. p. 115 (1883).

Kilimanjaro.

## 47. CISTICOLA HUNTERI, n. sp.

Similar to *C. subruficapilla*, but a larger bird and much more dingily coloured, distinguished by the almost entire absence of rufous on the quills, and absolute absence of rufous on the tail.

Upper parts dusky brown, with large blackish centres to the feathers; edges of the feathers of the crown and wing slightly more rufous; tail-feathers with pale ends and a broad black subterminal bar, very distinct beneath. Underparts whitish ash, slightly paler and buff on the chin, upper throat, and centre of the breast; thighs rufous-brown; under surface of the wings dusky black, with the coverts and inner edges of the quills ashy white. Bill black; legs brown. Total length 6 inches, culmen 0·5, wing 2·5, tail 3·1, tarsus 1.

Kilimanjaro.

## 48. NECTARINIA MELANOASTRA.

*Nectarinia melanogastra*, Fisch. & Rehw. J. f. O. 1884, p. 181; Fisch. Zeitschr. ges. Orn. 1884, p. 337; id. J. f. O. 1885, p. 14.

♂. Ndara.

Three specimens, collected on August 25th. All are in about half moult.

## ✓ 49. NECTARINIA KILIMENSIS.

*Nectarinia kilimensis*, Shelley, P. Z. S. 1884, p. 555; 1885, p. 227.

♂. Kilimanjaro, August.

## ✓ 50. NECTARINIA REICHENOWI.

*Drepanorhynchus reichenowi*, Fisch. J. f. O. 1884, p. 56; id. Zeitschr. ges. Orn. 1884, p. 338; id. J. f. O. 1885, p. 139.

*Nectarinia reichenowi*, Shelley, P. Z. S. 1884, p. 556, pl. 51; 1885, p. 227.

♂ ♀. Kilimanjaro, 5000 ft., August.

## ✓ 51. CINNYRIS MICRORHYNCHUS.

*Cinnyris microrhynchus*, Shelley, P. Z. S. 1881, p. 570; Schal. J. f. O. 1883, p. 360; Fisch. Zeitschr. ges. Orn. 1884, p. 339; id. J. f. O. 1885, p. 139.

♂. Teita. August.

## 52. CINNYRIS AFFINIS.

*Cinnyris affinis*, Rüpp., Shelley, Monogr. Nect. p. 239, pl. 74. fig. 2; id. P. Z. S. 1885, p. 228.

♂ ♀. Kilimanjaro, August.

## ✓ 53. CINNYRIS MEDIOCRIS.

*Cinnyris mediocris*, Shelley, P. Z. S. 1885, p. 228.

♀. Kilimanjaro, 5000–6000 ft. ♂ juv. Useri river, July 9.

## ✓ 54. CINNYRIS HUNTERI, n. sp. (Plate XLI. fig. 2.)

*Adult male.* General plumage velvety black; forehead and front with three quarters of the crown metallic green, the hinder feathers of which are glossed with violet; occiput, nape, back, and scapulars velvet-black, with the rump and upper tail-coverts metallic violet; wings and tail very dark bronze-brown, with a metallic violet patch on the front of the wing, formed by the whole of the least series of wing-coverts; sides of the head and the underparts velvet-black; a metallic green moustache from beneath the gape; lower half of the throat and the crop glossy red like sealing-wax, with a few metallic violet bands, most numerous towards the upper throat, where they somewhat form a marginal band between the black upper and red lower throat; the red feathers on the crop have a narrow yellow band between their red ends and black bases; under wing-coverts velvet-black; quills and tail as above; bill and legs black. Total length 5·6 inches, culmen 1·1, wing 2·85, tail 2·1, tarsus 0·7.

The females as well as the young males are almost indistinguishable from skins in corresponding plumage of *C. gutturalis*.

From all the other scarlet-throated Sun-birds, the present species is distinguished by the metallic patch on the wing-coverts and lower back.

♂ ♀. Useri river, July.

## 55. CINNYRIS KIRKI.

*Cinnyris kirki*, Shelley, P. Z. S. 1881, p. 571; Fisch. Zeitschr. ges. Orn. 1884, p. 339; id. J. f. O. 1885, p. 139; Shelley, P. Z. S. 1885, p. 228; id. Ibis, 1888, p. 300.

*Nectarinia kalckreuthi*, Böhm, J. f. O. 1883, p. 194.

*Cinnyris kalckreuthi*, Schal. J. f. O. 1883, p. 359.

♂. Kilimanjaro, 5000 ft., August.

## 56. ANTHREPTES LONGUEMARI.

*Anthreptes longuemarii*, Shelley, Monogr. Nect. p. 335, pl. 108; Schal. J. f. O. 1883, p. 360; Shelley, P. Z. S. 1888, p. 39.

*Anthreptes orientalis*, Hartl. J. f. O. 1880, p. 213; Fisch. Zeitschr. ges. Orn. 1884, p. 339.

*Nectarinia longuemarii*, Böhm, J. f. O. 1883, p. 194; Schal. J. f. O. 1887, p. 248.

*Anthothreptes orientalis*, Fisch. J. f. O. 1885, p. 138; Rchw. J. f. O. 1887, p. 75.

*Anthothreptes longuemarii*, Matsch. J. f. O. 1887, p. 155.

♂ ♀. Useri river, August.

## 57. ANTHOTHREPTES HYPODILA.

*Anthodiæta hypodila* (Jard.), Shelley, Monogr. Nect. p. 345, pl. 111. figs. 1, 2.

*Anthodiæta zambesiana*, Shelley, t. c. p. 343, pl. 111. fig. 3; Schal. J. f. O. 1883, p. 360; Fisch. Zeitschr. ges. Orn. 1884, p. 339; id. J. f. O. 1885, p. 138.

*Anthreptes zambesiana*, Shelley, P. Z. S. 1881, p. 571.

*Nectarinia collaris*, Böhm, J. f. O. 1883, p. 192; 1885, p. 46; Schal. J. f. O. 1887, p. 242.

*Anthodiæta collaris*, Matsch. J. f. O. 1887, p. 155.

*Anthreptes hypodila*, Shelley, P. Z. S. 1888, p. 39.

♂ ♀. Taveta, August.

## 58. ZOSTEROPS PERSPICILLATA, n. sp. (Plate XLI. fig. 1.)

*Adult female.* General plumage above bright olive-yellow; a slight rufous shade on the sides of the forehead; eye surrounded by a very broad band of silky-white feathers 0·15 inch wide; wings and tail slaty black; wing-coverts olive-yellow like the back; primary-coverts and quills with broad olive-yellow outer edges, slightly paler and yellow on the primaries; tail uniform, with no pale edges to the feathers; throat and under surface of the body bright yellow, passing into olive-yellow on the sides of the neck and body; under wing-coverts white, partially washed with yellow; quills slaty black, with partial white inner margins. Bill black; legs slaty grey, nails brown. Total length 4·4 inches, culmen 0·45, wing 2·55, tail 2·1, tarsus 0·75.

*Adult male.* Similar in plumage. Total length 4·2 inches, culmen 0·45, wing 2·5, tail 2, tarsus 0·75.

The specific characters of this species may be summed up as follows:—the white patch of feathers surrounding the eye very broad,

as broad as the diameter of the eye; an entire absence of black on the sides of the head, and no yellow on the forehead, which is uniform with the mantle, only with a rufous tinge on its sides.

♂ ♀. Kilimanjaro, 5000 ft., August.

59. *SERINUS STRIOLATUS.*

*Poliospiza striolatus*, Fisch. Zeitschr. ges. Orn. 1884, p. 321.

*Crithagra striolatus*, Fisch. J. f. O. 1885, p. 136.

*Serinus striolatus* (Rüpp.), Sharpe, Cat. B. Brit. Mus. xii. p. 363 (1888).

♂. Kilimanjaro, 5000 ft., August 9.

60. *CHRYSOMITRIS CITRINELLOIDES.*

*Chrysomitris citrinelloides* (Rüpp.), Sharpe, Cat. B. Brit. Mus. xii. p. 229.

Kilimanjaro.

61. *EMBERIZA FLAVIVENTRIS.*

*Emberiza flaviventris* (Bonn. et Vieill.), Böhm, J. f. O. 1883, p. 202; Schal. t. c. p. 364; Sharpe, Cat. B. Brit. Mus. xii. p. 499.

♂. Useri river.

62. *SPERMESTES CUCULLATUS.*

*Spermestes cucullatus*, Swains.; Shelley, P. Z. S. 1881, p. 587; Böhm, J. f. O. 1883, p. 200; Fisch. Zeitschr. ges. Orn. 1884, p. 323; id. 1885, p. 136; Shelley, P. Z. S. 1886, p. 309.

♂. Ndara in Teita, August 25.

63. *ESTRELLA QUARTINIA.*

*Estrella quartinia*, Bp.; Shelley, Ibis, 1886, p. 331.

♂. Kilimanjaro, August 6.

64. *VIDUA HYPOCHERINA.*

*Vidua splendens*, Rehw., Shelley, P. Z. S. 1881, p. 587; Fisch. Zeitschr. ges. Orn. 1884, p. 325; id. J. f. O. 1885, p. 135.

*Vidua hypocherina*, Verr., Shelley, Ibis, 1886, p. 340; id. Ibis, 1888, p. 302.

Plains south of Kilimanjaro.

65. *VIDUA FISCHERI.*

*Linura fischeri*, Rehw. J. f. O. 1882, p. 350, pl. 2. fig. 1; Fisch. Zeitschr. ges. Orn. 1884, p. 325; id. J. f. O. 1885, p. 135.

*Vidua fischeri*, Shelley, Ibis, 1886, p. 342; 1888, p. 292.

Plains south of Kilimanjaro.

66. *PLOCEUS AUREOFLAVUS.*

*Hyphantornis aureo flavus*, Shelley, P. Z. S. 1881, p. 584; Schal. J. f. O. 1883, p. 362; Fisch. Zeitschr. ges. Orn. 1884, p. 330.

*Ploceus aureo flavus*, Smith, Shelley, Ibis, 1887, p. 26.

♂. Taveta.



67. *TEXTOR DINEMELLI.*

*Textor dinemelli*, Horsf., Cab. J. f. O. 1878, p. 233; Shelley, P. Z. S. 1882, p. 307; Böhm, J. f. O. 1883, p. 196; Schal. *t. c.* p. 361; Fisch. Zeitschr. ges. Orn. 1884, p. 333; id. J. f. O. 1885, p. 132; Shelley, Ibis, 1887, p. 44.

Useri river.

68. *ORIOLOUS NOTATUS.*

*Oriolus notatus*, Peters; Shelley, P. Z. S. 1881, p. 576; Fisch. Zeitschr. ges. Orn. 1884, p. 334; id. J. f. O. 1885, p. 132; Shelley, P. Z. S. 1885, p. 229.

Taveta.

69. *ORIOLOUS BRACHYRHYNCHUS.*

*Oriolus brachyrhynchus*, Swains., Shelley, P. Z. S. 1881, p. 576.

♀. Teita, July 24.

70. *LAMPROCOLIUS SYCOBIUS.*

*Lamprocolius sycobius*, Peters, Shelley, P. Z. S. 1881, p. 583; Böhm, J. f. O. 1883, p. 197; Schal. *t. c.* p. 361; Fisch. J. f. O. 1885, p. 132; Rehw. J. f. O. 1887, p. 66.

♂. Duruma, August 29.

71. *PHOLIDAUGES FISCHERI.*

*Notauges fischeri*, Rehw. J. f. O. 1884, p. 54; Fisch. Zeitschr. ges. Orn. 1884, p. 335, pl. 20. fig. 1; id. J. f. O. 1885, p. 132; Rehw. J. f. O. 1887, p. 66.

♂. Kilimanjaro, 6000 ft., in forest.

This specimen differs considerably from the type; but I do not hesitate to refer it to the same species, as an adult male in full plumage.

Entire head, neck, back, scapulars, and least series of wing-coverts glossy violet shaded blue-black; remainder of the wings and the tail black glossed with dark green, with no violet shade. Beneath, the purple-black of the head and neck extends from the chin over the front half and centre of the chest; remainder of the breast and under tail-coverts creamy white, with the flanks, axillaries, and under surface of the wings black. Bill and legs black. Total length 6·3 inches, culmen 0·5, wing 3·85, tail 2·8, tarsus 0·9.

72. *CORVULTUR ALBICOLLIS.*

*Corvultur albicollis* (Lath.), Sharpe, Cat. B. Brit. Mus. iii. p. 24 (1877); Shelley, P. Z. S. 1885, p. 229; id. Ibis, 1888, p. 294.

*Archicorax albicollis*, Böhm, J. f. O. 1883, p. 195; Fisch. Zeitschr. ges. Orn. 1884, p. 336; id. J. f. O. 1885, p. 131; Rehw. J. f. O. 1887, p. 65; Matsch. *t. c.* p. 153.

*Corax albicollis*, Schal. J. f. O. 1887, p. 240.

Kilimanjaro. Seen as high as 15,000 ft.